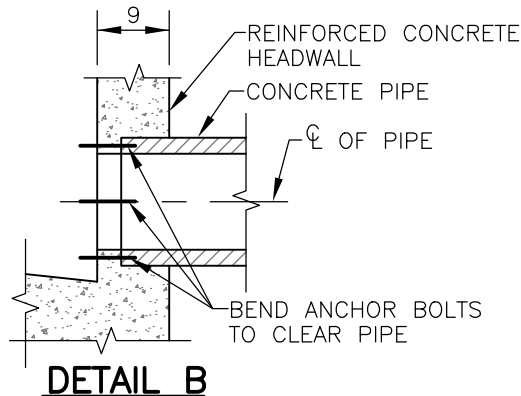


LETTERS REFER TO DIMENSIONS											DESIGN CAPACITY	QUANTITIES	
TYPE	TURNOUT								C.F.S.	CONCRETE		REINFORCING STEEL	
	A	B	C	E	H	L	T ₁	T ₂					
	FT.-INS.	FT.-INS.	FT.-INS.	INS.	FT.-INS.	FT.-INS.	INS.	INS.			CU. YDS.	LBS.	
12	3-10	2-4	—	—	2-6	3-10½	5	6	4		0.78	97	
	3-10	2-4	—	—	3-6	5-1½	5	6	4		1.08	136	
	3-10	2-4	—	—	4-6	6-4½	5	6	4		1.42	179	
	3-10	2-4	—	—	5-6	7-7½	6	7	4		2.10	236	
	3-10	2-4	—	—	6-6	8-10½	6	7	4		2.55	286	
15	4-0	2-6	—	—	2-7½	4-0¾	5	6	6		0.82	103	
	4-0	2-6	—	—	3-7½	5-3¾	5	6	6		1.14	142	
	4-0	2-6	—	—	4-7½	6-6¾	5	6	6		1.49	185	
	4-0	2-6	—	—	5-7½	7-9¾	6	7	6		2.16	242	
	4-0	2-6	—	—	6-7½	9-0¾	7	8	6		3.03	307	
18	4-6	3-0	2-10	8	2-9	4-2¼	5	6	8		1.09	135	
	4-6	3-0	2-10	8	3-9	5-5¼	5	6	8		1.33	165	
	4-6	3-0	2-10	8	4-9	6-8¼	5	6	8		1.81	226	
	4-6	3-0	2-10	8	5-9	7-11¼	6	7	8		2.53	282	
	4-6	3-0	2-10	8	6-9	9-2¼	7	8	8		3.45	348	
21	5-0	3-6	3-2½	8	2-10½	4-4¾	5	6	8		1.24	151	
	5-0	3-6	3-2½	8	3-10½	5-7¾	5	6	8		1.61	197	
	5-0	3-6	3-2½	8	4-10½	6-10¾	5	6	8		2.03	251	
	5-0	3-6	3-2½	8	5-10½	8-1½	6	7	8		2.79	311	
	5-0	3-6	3-2½	8	6-10½	9-4¾	7	8	8		3.77	381	

NOTES:

- EXPOSED CONCRETE EDGES SHALL BE CHAMFERED 3/4 INCH OR ROUNDED.
- REINFORCING BAR SPACING IS CENTER TO CENTER OF BARS. BAR COVER IS CLEAR DISTANCE BETWEEN SURFACE OF BAR AND FACE OF CONCRETE AND SHALL BE 2" FOR FORMED AND TOP SURFACES AND 3" FOR SURFACES PLACED AGAINST EARTH, UNLESS OTHER WISE SHOWN.
- IN SECTIONS WITH A SINGLE MAT OF REINFORCING STEEL, THE STEEL SHALL BE POSITIONED IN THE CENTER OF THE SECTION, UNLESS OTHER WISE SHOWN.
- REINFORCING BARS SHALL BE CONTINUOUS OR SPLICED FROM FLOOR AND WALLS INTO ADJACENT FLOORS, WALLS AND SLOPES.
- BAR SPLICES SHALL BE STAGGERED WITH BARS LAPPED AT LEAST 30 BAR DIAMETERS, BUT NOT LESS THAN 12 INCHES.
- INSTALL A SLIDE GATE (ARMCO MODEL 101C OR EQUAL) AS RECOMMENDED BY THE MANUFACTURE. USE A SPIGOT BACK GATE (A FLAT BACK GATE MAY BE USED WHEN APPROVED BY THE ENGINEER). GATE SHALL BE THE SAME DIAMETER AS PIPE.
- TYPE 15 MEANS A 15 INCH PIPE.
- STANDARDIZED DESIGNS - MUST BE ADAPTED TO THE SPECIFIC SITE.
- CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF CONSTRUCTION SPECIFICATION 31, CONCRETE OR 32, CONCRETE FOR MINOR STRUCTURES.
- REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF CONSTRUCTION SPECIFICATION 34, STEEL REINFORCEMENT.



NO SCALE



REINFORCED CONCRETE DITCH TURNOUT

(REVISED LAST ON 7-10)

Designed REJ Date 4-68
 Drawn DDD 7-10
 Checked _____
 Approved J.E. ANDREWS 7-10
S.C.E.

File Name
 Drawing Name
CO-SSP-10
 Sheet 1 of 1